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JOB DETAIL

Ref. IO2014 - 8/17/2018

Welding Supervisor CST-150

Main job Manufacturing, welding

Department CST / Construction Department

Division CST / Tokamak Complex Section/Division

Job Family Engineer - 1

Application Deadline
(MM/DD/YYYY) 09/30/2018

Grade P2

Direct employment Not required

Purpose To assure the overall welding activity throughout the construction of the Tokamak Complex Worksite are compliant with project procedures requirements during installation activities;
To assure the correct implementation of the above activity in accordance with Safety and Quality Assurance (QA) and Quality Control (QC) requirements, within the defined the time schedule.

Supervises the entire welding operation during the prefabrication/fabrication and installation of Structures, Systems and Components inside the Tokamak Complex Worksite in full integration with the Construction Management as Agent (CMA), Safety Department, Quality team and relevant Technical Responsible Officers (TRO) of the Plant Breakdown Structure (PBS TRO);
Evaluates, controls and ensures corrective actions are implemented for the following essential welding related aspects alongside CMA to ensure that technical, health, safety and environmental requirements of welded production are met for procedure specification & qualification; staff qualification; data packages; non-conformance and corrective actions; material & consumables qualification; identification and traceability; Non-Destructive Examination (NDE) as well as all other welding procedures applied by contractors;

Main duties / Responsibilities Participates in the "Witness" and "Hold" points of the welding process and verifies authorized signatures in conjunction with the CMA and QA/QC representatives for inspections, NDE, welding treatment and activities based on approved Inspection & Test Plans;
Identifies potential safety, quality or technical issues by using the Request For Information (RFI) and Technical Query (TQ) tools for welding activities whilst in tandem, managing the resolution of each TQ in conjunction with the Contractor, Safety Department, Quality Surveillance and the CMA;
Supports and coordinates the development of technical solutions during welding activities and follows the welding non-conformance and weld repair processes;
Supports the CMA in verifying all the manufacture dossiers, welding materials, welding records, as-built drawings and supporting documentation for the project completion;
May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays;
Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;
Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, QA Program, values and ethics.

Measures of effectiveness Reports to the Tokamak Complex Section/Division Head;
Interfaces directly with all Departments of the ITER Organization and external members i.e. (the CMA and associated Craft Personnel);
In response to requests from the Director-General (DG) and/or the Director for Construction Department (CST), or proactively, informs the DG/Director for CST of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.

Proposes and implements efficient strategy and methods in order to define, validate, execute and control welding activity within the defined cost, quality and schedule;
Resolves already-identified potential safety, quality, or technical issues in a timely manner;

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Generates and maintains coherent and comprehensive documentation;
 Maintains and promotes effective communication channels within the IO, CMA and Tokamak Complex Systems;
 Assures compliance with the ITER QA/QC program and safety requirements for welding activity.

Project Construction Phase

Level of study Bachelor or equivalent degree

Diploma Welding field or other relevant

Level of experience At least 7 years

Technical experience/knowledge Qualifications such as "International Welding Specialist" is considered as an advantage;
 Good knowledge with the EN ISO or equivalent standards on.

At least 7 years' supervision experience in manufacturing or production weld, non-destructive inspections and in the implementation and interpretation of welding procedures;
 Professional experience in welding operation of Carbon Steel, or Stainless Steel, or Aluminum and brazing;
 Experience of the entire life-cycle of projects from Tender to Handover;
 Experience of writing clear and concise reports;
 Experience in international projects or environments;
 Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree.

Social skills Ability to work effectively in a multi-cultural environment

Specific skills MS Office standard (Word, Excel, PowerPoint, Outlook)

General skills Proactive, with drive and initiative;
 Ability to facilitate dialogue with a wide variety of contributors and stakeholders;
 Ability to adjust communication content and style to deliver messages;
 Ability to persist in the face of challenges to meet deadlines with high standards;
 Ability to model high standards of team mindset, trust, excellence, loyalty and integrity.

Others Fluent English (written and spoken) suitable for contract documentation purposes;
 Knowledge of software types usually used within a multidiscipline project environment – computer aided design, scheduling software, estimating software, etc.

Languages English (Fluent)

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